

(FILE 'HOME' ENTERED AT 13:06:13 ON 07 NOV 2001)

FILE 'BIOSIS, CABA, CAPLUS, EMBASE, LIFESCI, MEDLINE, SCISEARCH,
USPATFULL, JAPIO' ENTERED AT 13:06:56 ON 07 NOV 2001

L1 227800 S ALKALINE PHOSPHATASE
L2 7091 S L1 AND (BINDING SITES)
L3 442 S L2 AND (GRAM NEGATIVE BACTERIA)
L4 20 S L3 AND ENDOTOXEMIA
L5 47 S L3 AND SEPSIS

=>

L4 ANSWER 1 OF 20 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 2000:442019 CAPLUS
 DOCUMENT NUMBER: 133:55309
 TITLE: Diagnosis and therapy of sepsis using the LPS-binding moiety of **alkaline phosphatase** and a method of purification of **alkaline phosphatase** using LPS
 INVENTOR(S): Poelstra, Klaas; Meijer, Dirk Klaas Fokke; Man In 't Veld, Arie Jacob
 PATENT ASSIGNEE(S): Stichting Voor De Technische Wetenschappen, Neth.; Rijksuniversiteit Groningen
 SOURCE: PCT Int. Appl., 21 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|-----------------|----------|
| WO 2000037943 | A1 | 20000629 | WO 1998-NL722 | 19981221 |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| AU 9917869 | A1 | 20000712 | AU 1999-17869 | 19981221 |
| EP 1141717 | A1 | 20011010 | EP 1998-962694 | 19981221 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |

PRIORITY APPLN. INFO.: WO 1998-NL722 A 19981221
 REFERENCE COUNT: 3
 REFERENCE(S): (1) Anon; 1997 CAPLUS
 (2) Poelstra, K; LABORATORY INVESTIGATION 1997, V76(3), P319 CAPLUS
 (3) Rijksuniversiteit Te Groningen; WO 9505455 A 1995, 23, CAPLUS

L4 ANSWER 2 OF 20 USPATFULL
 ACCESSION NUMBER: 2000:105419 USPATFULL
 TITLE: Composition comprising an antibody to macrophage-derived inflammatory mediator (MIP-2)
 INVENTOR(S): Wolpe, Stephen D., Arlington, MA, United States
 Cerami, Anthony, Shelter Island, NY, United States
 Sherry, Barbara, New York, NY, United States
 Tekamp-Olson, Patricia A., San Anselmo, CA, United States
 PATENT ASSIGNEE(S): The Rockefeller University, New York, NY, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 6103234 | | 20000815 |
| APPLICATION INFO.: | US 1995-476376 | | 19950607 (8) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 1994-285498, filed on 3 Aug 1994, now patented, Pat. No. US 5703206 which is a continuation of Ser. No. US 1993-105105, filed on 10 Aug 1993, now abandoned which is a continuation of Ser. No. US 1992-914045, filed on 13 Jul 1992, now abandoned which is a continuation of Ser. No. US 1989-399971, | | |

filed on 1 Sep 1989, now abandoned which is a
continuation-in-part of Ser. No. US 1988-240078, filed
on 2 Sep 1988, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Mertz, Prema
LEGAL REPRESENTATIVE: Klauber & Jackson
NUMBER OF CLAIMS: 6
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 7 Drawing Figure(s); 7 Drawing Page(s)
LINE COUNT: 1946
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 20 USPATFULL

ACCESSION NUMBER: 2000:80415 USPATFULL
TITLE: Diagnostic assays for MIF
INVENTOR(S): Bucala, Richard J., New York, NY, United States
Mitchell, Robert A., New York, NY, United States
Bernhagen, Jurgen, New York, NY, United States
Calandra, Thierry F., New York, NY, United States
Cerami, Anthony, Shelter Island, NY, United States
PATENT ASSIGNEE(S): The Picower Institute for Medical Research, Manhasset,
NY, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 6080407 | | 20000627 |
| APPLICATION INFO.: | US 1995-471586 | | 19950606 (8) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 1995-462350, filed on 5 Jun 1995, now abandoned which is a continuation-in-part of Ser. No. US 1994-243342, filed on 16 May 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-63399, filed on 17 May 1993, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Chan, Christina Y. | | |
| ASSISTANT EXAMINER: | Nolan, Patrick | | |
| LEGAL REPRESENTATIVE: | Oster, Jeffrey B. | | |
| NUMBER OF CLAIMS: | 18 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 26 Drawing Figure(s); 22 Drawing Page(s) | | |
| LINE COUNT: | 3585 | | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |

L4 ANSWER 4 OF 20 USPATFULL

ACCESSION NUMBER: 2000:61580 USPATFULL
TITLE: Method for using lipoprotein associated coagulation inhibitor to treat sepsis
INVENTOR(S): Creasey, Abba A., Piedmont, CA, United States
Broze, George J., Ladue, MO, United States
PATENT ASSIGNEE(S): Washington University & Chiron Corp., United States
(U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 6063764 | | 20000516 |
| APPLICATION INFO.: | US 1995-472761 | | 19950607 (8) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1994-224118, filed on 29 Mar 1994, now abandoned which is a continuation of Ser. No. US 1993-20427, filed on 22 Feb 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-897135, filed on 11 Jun 1992, now abandoned And a continuation-in-part of Ser. No. US 1994-253427, filed on 2 Jun 1994, now abandoned which is a | | |

continuation of Ser. No. US 1993-4505, filed on 13 Jan 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-891947, filed on 1 Jun 1992, now abandoned And a continuation-in-part of Ser. No. US 1994-270455, filed on 5 Jul 1994, now abandoned which is a continuation of Ser. No. US 1992-891947, filed on 1 Jun 1992, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Tsang, Cecilia
ASSISTANT EXAMINER: Delacroix-Muirheid, C.
LEGAL REPRESENTATIVE: Banner & Witcoff, Ltd.
NUMBER OF CLAIMS: 45
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 14 Drawing Figure(s); 5 Drawing Page(s)
LINE COUNT: 2568
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 5 OF 20 USPATFULL

ACCESSION NUMBER: 2000:24289 USPATFULL
TITLE: Combination method for treating diseases caused by cytokine-mediated toxicity
INVENTOR(S): Bucala, Richard J., New York, NY, United States
Mitchell, Robert A., New York, NY, United States
Bernhagen, Jorgen, New York, NY, United States
Calandra, Thierry F., New York, NY, United States
Cerami, Anthony, Shelter Island, NY, United States
PATENT ASSIGNEE(S): The Picower Institute for Medical Research, Manhasset, NY, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 6030615 | | 20000229 |
| APPLICATION INFO.: | US 1995-471546 | | 19950606 (8) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 1995-462350, filed on 5 Jun 1995 which is a continuation-in-part of Ser. No. US 1994-243342, filed on 16 May 1994 which is a continuation-in-part of Ser. No. US 1993-63399, filed on 17 May 1993, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Hutzell, Paula K. | | |
| ASSISTANT EXAMINER: | Bansal, Geetha P. | | |
| LEGAL REPRESENTATIVE: | Tremaine, Davis Wright | | |
| NUMBER OF CLAIMS: | 3 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 28 Drawing Figure(s); 22 Drawing Page(s) | | |
| LINE COUNT: | 3534 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 6 OF 20 USPATFULL

ACCESSION NUMBER: 1999:159997 USPATFULL
TITLE: Compounds that bind bacterial pili
INVENTOR(S): Shekhani, Mohammed Saleh, Madison, WI, United States
Firca, Joseph R., Vernon Hills, IL, United States
Anderson, Byron, Morton Grove, IL, United States
PATENT ASSIGNEE(S): Ophidian Pharmaceuticals, Inc., Madison, WI, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 5998381 | | 19991207 |
| APPLICATION INFO.: | US 1996-760903 | | 19961206 (8) |
| DOCUMENT TYPE: | Utility | | |

FILE SEGMENT: Granted
PRIMARY EXAMINER: Peselev, Elli
LEGAL REPRESENTATIVE: Medlen & Carroll, LLP
NUMBER OF CLAIMS: 24
EXEMPLARY CLAIM: 5
NUMBER OF DRAWINGS: 23 Drawing Figure(s); 25 Drawing Page(s)
LINE COUNT: 6570
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 7 OF 20 USPATFULL

ACCESSION NUMBER: 1999:84975 USPATFULL
TITLE: Compositions for neutralization of lipopolysaccharides
INVENTOR(S): Wright, Samuel D., Westfield, NJ, United States
Wurfel, Mark M., New York, NY, United States
Hailman, Peter Eric, New York, NY, United States
PATENT ASSIGNEE(S): The Rockefeller University, New York, NY, United States
(U.S. corporation)

| | NUMBER | KIND | DATE |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------|
| PATENT INFORMATION: | US 5928624 | | 19990727 |
| | WO 9534289 | | 19951221 |
| APPLICATION INFO.: | US 1996-750697 | | 19961216 (8) |
| | WO 1995-US7903 | | 19950607 |
| | | | 19961216 PCT 371 date |
| | | | 19961216 PCT 102(e) date |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1994-337611, filed on 10 Nov 1994 which is a continuation-in-part of Ser. No. US 1994-259957, filed on 14 Jun 1994, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Kishore, Gollamudi S. | | |
| LEGAL REPRESENTATIVE: | Klauber & Jackson | | |
| NUMBER OF CLAIMS: | 12 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 33 Drawing Figure(s); 32 Drawing Page(s) | | |
| LINE COUNT: | 2562 | | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |

L4 ANSWER 8 OF 20 USPATFULL

ACCESSION NUMBER: 1999:21920 USPATFULL
TITLE: Acute phase protein modulating endotoxic activity of lipopolysaccharides, assay methods and polypeptides
INVENTOR(S): Ulevitch, Richard J., Del Mar, CA, United States
Tobias, Peter S., Encinitas, CA, United States
PATENT ASSIGNEE(S): The Scripps Research Institute, La Jolla, CA, United States
(U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5871937 | | 19990216 |
| APPLICATION INFO.: | US 1997-990849 | | 19971215 (8) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 1994-240328, filed on 10 May 1994, now patented, Pat. No. US 5698680, issued on 16 Dec 1997 which is a division of Ser. No. US 1992-847562, filed on 2 Mar 1992, now patented, Pat. No. US 5310879, issued on 10 May 1994 which is a continuation-in-part of Ser. No. US 1989-367454, filed on 16 Jun 1989, now patented, Pat. No. US 5245013 which is a continuation-in-part of Ser. No. US 1986-6710, filed on 30 Dec 1986, now abandoned which is a continuation-in-part of Ser. No. US 1985-728833, filed on 30 Apr 1985, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |

FILE SEGMENT: Granted
PRIMARY EXAMINER: Eisenschenk, Frank C.
LEGAL REPRESENTATIVE: Fish & Richardson P.C.
NUMBER OF CLAIMS: 13
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 32 Drawing Figure(s); 18 Drawing Page(s)
LINE COUNT: 2429
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 9 OF 20 USPATFULL

ACCESSION NUMBER: 1999:4392 USPATFULL
TITLE: Monoclonal antibody against LPS core
INVENTOR(S): Gram, Hermann, Weil-Haltingen, Germany, Federal Republic of
Di Padova, Franco, Birsfelden, Switzerland
Barclay, George Robin, Midlothian, United Kingdom
Poxton, Ian Raymond, Midlothian, United Kingdom
PATENT ASSIGNEE(S): Common Services Agency, United States (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5858728 | | 19990112 |
| APPLICATION INFO.: | US 1996-647144 | | 19960509 (8) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 1993-119046, filed on 30 Sep 1993, now abandoned | | |

| | NUMBER | DATE |
|-----------------------|-------------------------------------------------------------------|----------|
| PRIORITY INFORMATION: | GB 1991-5292 | 19910313 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Loring, Susan A. | |
| LEGAL REPRESENTATIVE: | Bell Seltzer Intellectual Property Law Group of Alston & Bird LLP | |
| NUMBER OF CLAIMS: | 26 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 12 Drawing Figure(s); 10 Drawing Page(s) | |
| LINE COUNT: | 2426 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 10 OF 20 USPATFULL

ACCESSION NUMBER: 1998:144206 USPATFULL
TITLE: Polypeptides of lipopolysaccharide binding protein
INVENTOR(S): Han, Jiahuai, La Jolla, CA, United States
Ulevitch, Richard J., Del Mar, CA, United States
Tobias, Peter S., San Diego, CA, United States
PATENT ASSIGNEE(S): The Scripps Research Institute, La Jolla, CA, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5837810 | | 19981117 |
| APPLICATION INFO.: | US 1994-215089 | | 19940315 (8) |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Hutzell, Paula K. | | |
| ASSISTANT EXAMINER: | Johnson, Nancy A. | | |
| LEGAL REPRESENTATIVE: | Fish & Richardson, P.C. | | |
| NUMBER OF CLAIMS: | 1 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 11 Drawing Figure(s); 10 Drawing Page(s) | | |
| LINE COUNT: | 1162 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 11 OF 20 USPATFULL

ACCESSION NUMBER: 1998:25220 USPATFULL
TITLE: Malaria treatments
INVENTOR(S): Playfair, John Hugh Lyon, London, United Kingdom
Taverne, Janice, London, United Kingdom
Bate, Clive Alan Winston, Oxford, United Kingdom
PATENT ASSIGNEE(S): British Technology Group Limited, London, United Kingdom (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------------------|
| PATENT INFORMATION: | US 5726166 | | 19980310 |
| | WO 9315761 | | 19930819 |
| APPLICATION INFO.: | US 1994-290706 | | 19941205 (8) |
| | WO 1993-GB84 | | 19930115 |
| | | | 19941205 PCT 371 date |
| | | | 19941205 PCT 102(e) date |

| | NUMBER | DATE |
|-----------------------|------------------------------------------|----------|
| PRIORITY INFORMATION: | GB 1992-3039 | 19920213 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Travers, Russell | |
| LEGAL REPRESENTATIVE: | Nixon & Vanderhye P.C. | |
| NUMBER OF CLAIMS: | 6 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 19 Drawing Figure(s); 12 Drawing Page(s) | |
| LINE COUNT: | 1848 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 12 OF 20 USPATFULL

ACCESSION NUMBER: 1998:14917 USPATFULL
TITLE: Macrophage-derived inflammatory mediator (MIP-2)
INVENTOR(S): Wolpe, Stephen D., Arlington, MA, United States
Cerami, Anthony, Shelter Island, NY, United States
Sherry, Barbara, New York, NY, United States
PATENT ASSIGNEE(S): The Rockefeller University, New York, NY, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5717074 | | 19980210 |
| APPLICATION INFO.: | US 1995-480085 | | 19950607 (8) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 1994-285498, filed on 3 Aug 1994 which is a continuation of Ser. No. US 1993-105105, filed on 10 Aug 1993, now abandoned which is a continuation of Ser. No. US 1992-914045, filed on 13 Jul 1992, now abandoned which is a continuation of Ser. No. US 1989-399971, filed on 1 Sep 1989, now abandoned which is a continuation-in-part of Ser. No. US 1988-240078, filed on 2 Sep 1988, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Saunders, David | | |
| LEGAL REPRESENTATIVE: | Klauber & Jackson | | |
| NUMBER OF CLAIMS: | 8 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 8 Drawing Figure(s); 7 Drawing Page(s) | | |
| LINE COUNT: | 1712 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 13 OF 20 USPATFULL

ACCESSION NUMBER: 97:123340 USPATFULL
TITLE: Macrophage inflammatory protein 2 (MIP-2)
INVENTOR(S): Wolpe, Stephen D., 88 Lake St., Arlington, MA, United States 02174
Cerami, Anthony, Ram Island Dr., Shelter Island, NY, United States 11964
Sherry, Barbara, 325 E. 84th St., New York, NY, United States 10021

| | NUMBER | KIND | DATE |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5703206 | | 19971230 |
| APPLICATION INFO.: | US 1994-285498 | | 19940803 (8) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 1993-105105, filed on 10 Aug 1993, now abandoned which is a continuation of Ser. No. US 1992-914045, filed on 13 Jul 1992, now abandoned which is a continuation of Ser. No. US 1989-399971, filed on 1 Sep 1989, now abandoned which is a continuation-in-part of Ser. No. US 1988-240078, filed on 2 Sep 1988, now abandoned which is a continuation-in-part of Ser. No. US 1987-104827, filed on 2 Oct 1987, now abandoned which is a continuation-in-part of Ser. No. US 1985-766852, filed on 16 Aug 1985, now abandoned which is a continuation-in-part of Ser. No. US 1982-414098, filed on 7 Sep 1982, now patented, Pat. No. US 4603106 which is a continuation-in-part of Ser. No. US 1982-351290, filed on 22 Feb 1982, now abandoned which is a continuation-in-part of Ser. No. US 1981-299932, filed on 8 Sep 1981, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Ulm, John | | |
| ASSISTANT EXAMINER: | Mertz, Prema | | |
| NUMBER OF CLAIMS: | 12 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 8 Drawing Figure(s); 7 Drawing Page(s) | | |
| LINE COUNT: | 1799 | | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |

L4 ANSWER 14 OF 20 USPATFULL

ACCESSION NUMBER: 97:118166 USPATFULL
TITLE: Antibodies specific for lipopolysaccharide binding protein
INVENTOR(S): Ulevitch, Richard J., Del Mar, CA, United States
Tobias, Peter S., Encinitas, CA, United States
PATENT ASSIGNEE(S): The Scripps Research Institute, La Jolla, CA, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5698680 | | 19971216 |
| APPLICATION INFO.: | US 1994-240328 | | 19940510 (8) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 1992-847562, filed on 2 Mar 1992, now patented, Pat. No. US 5310879, issued on 10 May 1994 which is a continuation-in-part of Ser. No. US 1989-367454, filed on 16 Jun 1989, now patented, Pat. No. US 5245013 which is a continuation-in-part of Ser. No. US 1986-6710, filed on 30 Dec 1986, now abandoned which is a continuation-in-part of Ser. No. US 1985-728833, filed on 30 Apr 1985, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Eisenschenk, Frank C. | | |

LEGAL REPRESENTATIVE: Fish & Richardson P.C.
NUMBER OF CLAIMS: 5
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 32 Drawing Figure(s); 18 Drawing Page(s)
LINE COUNT: 2399
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 15 OF 20 USPATFULL

ACCESSION NUMBER: 96:72966 USPATFULL
TITLE: Conjugates for the prevention and treatment of sepsis
INVENTOR(S): Carroll, Sean B., Cottage Grove, WI, United States
Firca, Joseph R., Vernon Hills, IL, United States
Pugh, Charles, Madison, WI, United States
Padhye, Nisha V., Madison, WI, United States
PATENT ASSIGNEE(S): Ophidian Pharmaceuticals, Inc., Madison, WI, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|--------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5545721 | | 19960813 |
| APPLICATION INFO.: | US 1993-169701 | | 19931217 (8) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1992-995388, filed on 21 Dec 1992, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Chan, Christina Y. | | |
| ASSISTANT EXAMINER: | Eisenschenk, Frank C. | | |
| LEGAL REPRESENTATIVE: | Medlen & Carroll | | |
| NUMBER OF CLAIMS: | 30 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 17 Drawing Figure(s); 16 Drawing Page(s) | | |
| LINE COUNT: | 4769 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 16 OF 20 USPATFULL

ACCESSION NUMBER: 94:40198 USPATFULL
TITLE: Antibodies which immunoreact with lapine lipopolysaccharide binding protein (LBP)
INVENTOR(S): Ulevitch, Richard J., Del Mar, CA, United States
Tobias, Peter S., Encinitas, CA, United States
PATENT ASSIGNEE(S): The Scripps Research Institute, La Jolla, CA, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5310879 | | 19940510 |
| APPLICATION INFO.: | US 1992-847562 | | 19920302 (7) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1989-367454, filed on 16 Jun 1989, now patented, Pat. No. US 5245013 which is a continuation-in-part of Ser. No. US 1986-6710, filed on 30 Dec 1986, now abandoned which is a continuation-in-part of Ser. No. US 1985-728833, filed on 30 Apr 1985, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Lacey, David L. | | |
| ASSISTANT EXAMINER: | Eisenschenk, F. C. | | |
| LEGAL REPRESENTATIVE: | Wetherell, Jr., J. R. | | |
| NUMBER OF CLAIMS: | 4 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 32 Drawing Figure(s); 18 Drawing Page(s) | | |
| LINE COUNT: | 2361 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 17 OF 20 USPATFULL

ACCESSION NUMBER: 93:76631 USPATFULL

TITLE: Acute phase protein modulating endotoxic activity of lipopolysaccharides, assay methods and polypeptides
INVENTOR(S): Ulevitch, Richard, 1127 La Cuchara, Del Mar, CA, United States 92014
Tobias, Peter, 564 Arden Dr., Encinitas, CA, United States 92024

| | NUMBER | KIND | DATE |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5245013 | | 19930914 |
| APPLICATION INFO.: | US 1989-367454 | | 19890616 (7) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1986-6710, filed on 30 Dec 1986, now abandoned which is a continuation-in-part of Ser. No. US 1985-728833, filed on 30 Apr 1985, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Wax, Robert A. | | |
| ASSISTANT EXAMINER: | Walsh, Stephen | | |
| LEGAL REPRESENTATIVE: | Bingham, Douglas A. | | |
| NUMBER OF CLAIMS: | 4 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 32 Drawing Figure(s); 18 Drawing Page(s) | | |
| LINE COUNT: | 2243 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 18 OF 20 USPATFULL

ACCESSION NUMBER: 92:89050 USPATFULL

TITLE: Method of stimulating the immune systems of animals and compositions useful therefor
INVENTOR(S): Takayama, Kuni K., Madison, WI, United States
Qureshi, Nilofer, Madison, WI, United States
PATENT ASSIGNEE(S): Wisconsin Alumni Research Foundation, Madison, WI, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5158939 | | 19921027 |
| APPLICATION INFO.: | US 1990-522446 | | 19900511 (7) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1989-383832, filed on 21 Jul 1989, now abandoned And a continuation-in-part of Ser. No. US 1990-467449, filed on 19 Jan 1990, now patented, Pat. No. US 5041427 | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Brown, Johnnie R. | | |
| ASSISTANT EXAMINER: | White, Everett | | |
| LEGAL REPRESENTATIVE: | Quarles & Brady | | |
| NUMBER OF CLAIMS: | 6 | | |
| EXEMPLARY CLAIM: | 1 | | |
| LINE COUNT: | 1426 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 19 OF 20 USPATFULL

ACCESSION NUMBER: 91:66780 USPATFULL

TITLE: Lipid A derivatives
INVENTOR(S): Takayama, Kuni K., Madison, WI, United States
Qureshi, Nilofer, Madison, WI, United States
PATENT ASSIGNEE(S): Wisconsin Alumni Research Foundation, Madison, WI, United States (U.S. corporation)

| NUMBER | KIND | DATE |
|--------|------|------|
|--------|------|------|

| | | |
|-----------------------|-----------------------------------------------------------------------|--------------|
| PATENT INFORMATION: | US 5041427 | 19910820 |
| APPLICATION INFO.: | US 1990-467449 | 19900119 (7) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1989-383832, filed on 21 Jul 1989 | |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Griffin, Ronald W. | |
| ASSISTANT EXAMINER: | White, Everett | |
| LEGAL REPRESENTATIVE: | Quarles & Brady | |
| NUMBER OF CLAIMS: | 3 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 932 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 20 OF 20 USPATFULL

ACCESSION NUMBER: 89:43140 USPATFULL

TITLE: Monoclonal antibodies to pseudomonas aeruginosa flagella

INVENTOR(S): Rosok, Mae J., Seattle, WA, United States
 Lostrom, Mark E., Redmond, WA, United States

PATENT ASSIGNEE(S): Genetic Systems Corporation, Seattle, WA, United States
 (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|----------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 4834976 | | 19890530 |
| APPLICATION INFO.: | US 1986-946554 | | 19861224 (6) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1986-881984, filed on 3 Jul 1986 | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Warden, Robert J. | | |
| ASSISTANT EXAMINER: | Wagner, Richard | | |
| LEGAL REPRESENTATIVE: | Townsend and Townsend | | |
| NUMBER OF CLAIMS: | 22 | | |
| EXEMPLARY CLAIM: | 1 | | |
| LINE COUNT: | 1574 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=>

ANSWER 1 OF 47 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 2000:442019 CAPLUS

DOCUMENT NUMBER: 133:55309

TITLE: Diagnosis and therapy of **sepsis** using the
LPS-binding moiety of **alkaline
phosphatase** and a method of purification of
alkaline phosphatase using LPS

INVENTOR(S): Poelstra, Klaas; Meijer, Dirk Klaas Fokke; Man In 't
Veld, Arie Jacob

PATENT ASSIGNEE(S): Stichting Voor De Technische Wetenschappen, Neth.;
Rijksuniversiteit Groningen

SOURCE: PCT Int. Appl., 21 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------|----------|
| WO 2000037943 | A1 | 20000629 | WO 1998-NL722 | 19981221 |
| W: | AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
| RW: | GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | |
| AU 9917869 | A1 | 20000712 | AU 1999-17869 | 19981221 |
| EP 1141717 | A1 | 20011010 | EP 1998-962694 | 19981221 |
| R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | |

PRIORITY APPLN. INFO.: WO 1998-NL722 A 19981221

REFERENCE COUNT: 3

REFERENCE(S): (1) Anon; 1997 CAPLUS
(2) Poelstra, K; LABORATORY INVESTIGATION 1997, V76(3), P319 CAPLUS
(3) Rijksuniversiteit Te Groningen; WO 9505455 A 1995, 23, CAPLUS

L5 ANSWER 2 OF 47 USPATFULL

ACCESSION NUMBER: 2001:160802 USPATFULL

TITLE: Interleukins-21 and 22

INVENTOR(S): Ebner, Reinhard, Gaithersburg, MD, United States
Ruben, Steven M., Olney, MD, United States

| | NUMBER | KIND | DATE |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 2001023070 | A1 | 20010920 |
| APPLICATION INFO.: | US 2000-731816 | A1 | 20001208 (9) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1999-320713, filed on 27 May 1999, PENDING Continuation-in-part of Ser. No. WO 1999-US11644, filed on 27 May 1999, UNKNOWN | | |

| | NUMBER | DATE |
|-----------------------|----------------|---------------|
| PRIORITY INFORMATION: | US 1998-87340 | 19980529 (60) |
| | US 1999-131965 | 19990430 (60) |
| | US 1999-169837 | 19991209 (60) |

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850
NUMBER OF CLAIMS: 49
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 13 Drawing Page(s)
LINE COUNT: 7740
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 3 OF 47 USPATFULL
ACCESSION NUMBER: 2001:153105 USPATFULL
TITLE: Collagen binding protein compositions and methods of use
INVENTOR(S): Hook, Magnus, Houston, TX, United States
Patti, Joseph M., Missouri City, TX, United States
House-Pompeo, Karen, Valdosta, GA, United States
Sthanam, Narayana, Vestavia, AL, United States
Symersky, Jindrich, Birmingham, AL, United States
PATENT ASSIGNEE(S): Texas A&M University Systems, College Station, TX,
United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 6288214 | B1 | 20010911 |
| APPLICATION INFO.: | US 1997-856253 | | 19970514 (8) |

| | NUMBER | DATE |
|-----------------------|------------------------------------------|---------------|
| PRIORITY INFORMATION: | US 1996-17678 | 19960516 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Minnifield, Nita | |
| LEGAL REPRESENTATIVE: | Howrey Simon Arnold & White, LLP | |
| NUMBER OF CLAIMS: | 12 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 12 Drawing Figure(s); 12 Drawing Page(s) | |
| LINE COUNT: | 4408 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 4 OF 47 USPATFULL
ACCESSION NUMBER: 2001:86039 USPATFULL
TITLE: Choline binding proteins for anti-pneumococcal vaccines
INVENTOR(S): Masure, H. Robert, Germantown, TN, United States
Rosenow, Carsten I., New York, NY, United States
Tuomanen, Elaine, Germantown, TN, United States
Wizemann, Theresa M., Germantown, MD, United States
PATENT ASSIGNEE(S): The Rockefeller University, New York, NY, United States
(U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 6245335 | B1 | 20010612 |
| APPLICATION INFO.: | US 1997-847065 | | 19970501 (8) |

| | NUMBER | DATE |
|-----------------------|------------------------------------------|---------------|
| PRIORITY INFORMATION: | US 1996-16632 | 19960501 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Mosher, Mary E. | |
| LEGAL REPRESENTATIVE: | Klauber & Jackson | |
| NUMBER OF CLAIMS: | 19 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 25 Drawing Figure(s); 18 Drawing Page(s) | |
| LINE COUNT: | 2933 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 5 OF 47 USPATFULL

ACCESSION NUMBER: 2001:47779 USPATFULL
TITLE: Tumor necrosis factor stimulated gene 6 (TSG-6) binding molecules
INVENTOR(S): Lee, Tae Ho, Seoul, Korea, Republic of
Wisniewski, Hans-Georg, New York, NY, United States
Vilcek, Jan, New York, NY, United States
PATENT ASSIGNEE(S): New York University, New York, NY, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 6210905 | B1 | 20010403 |
| APPLICATION INFO.: | US 1998-206695 | | 19981207 (9) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 1994-242097, filed on 13 May 1994, now patented, Pat. No. US 5846763 Continuation-in-part of Ser. No. US 1993-24868, filed on 1 Mar 1993, now patented, Pat. No. US 5386213 Continuation of Ser. No. US 1991-642312, filed on 14 Jan 1991, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Kemmerer, Elizabeth | | |
| LEGAL REPRESENTATIVE: | Browdy and Neimark | | |
| NUMBER OF CLAIMS: | 5 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 48 Drawing Figure(s); 28 Drawing Page(s) | | |
| LINE COUNT: | 3642 | | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |

L5 ANSWER 6 OF 47 USPATFULL

ACCESSION NUMBER: 2000:146598 USPATFULL
TITLE: Production of recombinant polypeptides by bovine species and transgenic methods
INVENTOR(S): Deboer, Herman A., Roelofarendsyeen, Netherlands
Strijker, Rein, Oegstgeest, Netherlands
Heyneker, Herbert L., Hillsborough, CA, United States
Platenburg, Gerard, Voorschoten, Netherlands
Lee, Sang He, Leiden, Netherlands
Pieper, Frank, Utrecht, Netherlands
Krimpenfort, Paul J. A., Heemstede, Netherlands
PATENT ASSIGNEE(S): Pharming B.V., Leiden, Netherlands (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 6140552 | | 20001031 |
| APPLICATION INFO.: | US 1995-476798 | | 19950607 (8) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 1993-154019, filed on 16 Nov 1993, now patented, Pat. No. US 5633076 which is a continuation-in-part of Ser. No. US 1993-77788, filed on 15 Jun 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-898956, filed on 15 Jun 1992, now abandoned which is a continuation-in-part of Ser. No. US 1990-619131, filed on 27 Nov 1990, now abandoned which is a continuation-in-part of Ser. No. US 1989-444745, filed on 1 Dec 1989, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Hauda, Karen M. | | |
| LEGAL REPRESENTATIVE: | Townsend & Townsend & Crew | | |
| NUMBER OF CLAIMS: | 7 | | |

EXEMPLARY CLAIM: 1,7
NUMBER OF DRAWINGS: 50 Drawing Figure(s); 41 Drawing Page(s)
LINE COUNT: 4124
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 7 OF 47 USPATFULL

ACCESSION NUMBER: 2000:117277 USPATFULL
TITLE: Pharmaceutical compositions containing ecotin and homologs thereof
INVENTOR(S): Lazarus, Robert A., Millbrae, CA, United States
Dennis, Mark S., San Carlos, CA, United States
Ulmer, Jana Seymour, San Rafael, CA, United States
PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|------------------------------------------------------------------------------|------|---------------|
| PATENT INFORMATION: | US 6113896 | | 20000905 |
| APPLICATION INFO.: | US 1994-319501 | | 19941004. (8) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 1993-121004, filed on 14 Sep 1993, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Lau, Kawai | | |
| LEGAL REPRESENTATIVE: | Kubinec, Jeffrey S. | | |
| NUMBER OF CLAIMS: | 9 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 9 Drawing Figure(s); 5 Drawing Page(s) | | |
| LINE COUNT: | 2208 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 8 OF 47 USPATFULL

ACCESSION NUMBER: 2000:80408 USPATFULL
TITLE: Compositions for the prevention and treatment of verotoxin-induced disease
INVENTOR(S): Williams, James A., Lincoln, NE, United States
Byrne, Lisa Marie, Stoughton, WI, United States
PATENT ASSIGNEE(S): Ophidian Pharmaceuticals, Inc., Wisconsin, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|--------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 6080400 | | 20000627 |
| APPLICATION INFO.: | US 1997-816977 | | 19970313 (8) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1995-410058, filed on 24 Mar 1995, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Housel, James C. | | |
| ASSISTANT EXAMINER: | Devi, S. | | |
| LEGAL REPRESENTATIVE: | Medlen & Carroll, LLP | | |
| NUMBER OF CLAIMS: | 2 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 1 Drawing Figure(s); 9 Drawing Page(s) | | |
| LINE COUNT: | 5468 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 9 OF 47 USPATFULL

ACCESSION NUMBER: 2000:64950 USPATFULL
TITLE: Production of recombinant polypeptides by bovine species and transgenic methods
INVENTOR(S): DeBoer, Herman A., Roelofarendsveen, Netherlands
Strijker, Rein, Oegstgeest, Netherlands
Heyneker, Herbert L., Hillsborough, CA, United States

PATENT ASSIGNEE(S): Platenburg, Gerard, Voorschoten, Netherlands
 Lee, Sang He, Leiden, Netherlands
 Pieper, Frank, Utrecht, Netherlands
 Krimpenfort, Paul J. A., Heemstede, Netherlands
 Pharming B.V., Leiden, Netherlands (non-U.S.
 corporation)

| | NUMBER | KIND | DATE |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 6066725 | | 20000523 |
| APPLICATION INFO.: | US 1998-158313 | | 19980921 (9) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 1995-476798, filed on 7 Jun 1995 which is a continuation of Ser. No. US 1993-154019, filed on 16 Nov 1993, now patented, Pat. No. US 5633076 which is a continuation-in-part of Ser. No. US 1993-77788, filed on 15 Jun 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-898956, filed on 15 Jun 1992, now abandoned which is a continuation-in-part of Ser. No. US 1990-619131, filed on 27 Nov 1990, now abandoned which is a continuation-in-part of Ser. No. US 1989-444745, filed on 1 Dec 1989, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | LeGuyader, John L. | | |
| ASSISTANT EXAMINER: | Kerr, Janet M. | | |
| LEGAL REPRESENTATIVE: | Townsend & Townsend & Crew LLP | | |
| NUMBER OF CLAIMS: | 1 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 42 Drawing Figure(s); 41 Drawing Page(s) | | |
| LINE COUNT: | 4072 | | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |

L5 ANSWER 10 OF 47 USPATFULL
 ACCESSION NUMBER: 2000:61580 USPATFULL
 TITLE: Method for using lipoprotein associated coagulation inhibitor to treat **sepsis**
 INVENTOR(S): Creasey, Abba A., Piedmont, CA, United States
 Broze, George J., Ladue, MO, United States
 PATENT ASSIGNEE(S): Washington University & Chiron Corp., United States
 (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 6063764 | | 20000516 |
| APPLICATION INFO.: | US 1995-472761 | | 19950607 (8) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1994-224118, filed on 29 Mar 1994, now abandoned which is a continuation of Ser. No. US 1993-20427, filed on 22 Feb 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-897135, filed on 11 Jun 1992, now abandoned And a continuation-in-part of Ser. No. US 1994-253427, filed on 2 Jun 1994, now abandoned which is a continuation of Ser. No. US 1993-4505, filed on 13 Jan 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-891947, filed on 1 Jun 1992, now abandoned And a continuation-in-part of Ser. No. US 1994-270455, filed on 5 Jul 1994, now abandoned which is a continuation of Ser. No. US 1992-891947, filed on 1 Jun 1992, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Tsang, Cecilia | | |
| ASSISTANT EXAMINER: | Delacroix-Muirheid, C. | | |

LEGAL REPRESENTATIVE: Banner & Witcoff, Ltd.
NUMBER OF CLAIMS: 45
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 14 Drawing Figure(s); 5 Drawing Page(s)
LINE COUNT: 2568
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 11 OF 47 USPATFULL

ACCESSION NUMBER: 2000:18243 USPATFULL
TITLE: Neurturin receptor
INVENTOR(S): Klein, Robert D., Palo Alto, CA, United States
Rosenthal, Arnon, Burlingame, CA, United States
Hynes, Mary A., San Mateo, CA, United States
PATENT ASSIGNEE(S): Genentech, Inc., United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 6025157 | | 20000215 |
| APPLICATION INFO.: | US 1997-957063 | | 19971024 (8) |

| | NUMBER | DATE |
|-----------------------|------------------------------------------|---------------|
| PRIORITY INFORMATION: | US 1997-38839 | 19970218 (60) |
| | US 1997-49818 | 19970609 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Campbell, Bruce R. | |
| ASSISTANT EXAMINER: | Chen, Shin-Lin | |
| LEGAL REPRESENTATIVE: | Knobbe, Martens Olson & Bear, LLP | |
| NUMBER OF CLAIMS: | 11 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 22 Drawing Figure(s); 23 Drawing Page(s) | |
| LINE COUNT: | 5116 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 12 OF 47 USPATFULL

ACCESSION NUMBER: 2000:12617 USPATFULL
TITLE: H. influenzae HxuB and HxuC genes, proteins and methods of use
INVENTOR(S): Hansen, Eric J., Plano, TX, United States
Cope, Leslie D., Mesquite, TX, United States
Jarosik, Gregory P., Arlington, TX, United States
Hanson, Mark S., Columbia, MD, United States
PATENT ASSIGNEE(S): Board of Regents, The University of Texas System, Austin, TX, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|----------------------------------------|------|--------------|
| PATENT INFORMATION: | US 6020154 | | 20000201 |
| APPLICATION INFO.: | US 1995-425843 | | 19950420 (8) |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Wax, Robert A. | | |
| ASSISTANT EXAMINER: | Srivastava, Devesh | | |
| LEGAL REPRESENTATIVE: | Arnold, White & Durkee | | |
| NUMBER OF CLAIMS: | 77 | | |
| EXEMPLARY CLAIM: | 20 | | |
| NUMBER OF DRAWINGS: | 7 Drawing Figure(s); 6 Drawing Page(s) | | |
| LINE COUNT: | 4068 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 13 OF 47 USPATFULL

ACCESSION NUMBER: 2000:5018 USPATFULL
TITLE: Transgenic bovines and milk from transgenic bovines

INVENTOR(S): Deboer, Herman A., Roelofarendsveen, Netherlands
 Strijker, Rein, Oegstgeest, Netherlands
 Heyneker, Herbert L., Hillsborough, CA, United States
 Platenburg, Gerard, Voorschoten, Netherlands
 Lee, Sang He, Leiden, Netherlands
 Pieper, Frank, Utrecht, Netherlands
 Krimpenfort, Paul J. A., Heemstede, Netherlands
 PATENT ASSIGNEE(S): Pharming B.V., Ca Leiden, Netherlands (non-U.S.
 corporation)

| | NUMBER | KIND | DATE |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 6013857 | | 20000111 |
| APPLICATION INFO.: | US 1995-464167 | | 19950605 (8) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 1993-154019, filed on 16 Nov 1993, now patented, Pat. No. US 5633076 which is a continuation-in-part of Ser. No. US 1993-77788, filed on 15 Jun 1993 which is a continuation-in-part of Ser. No. US 1992-898956, filed on 15 Jun 1992 which is a continuation-in-part of Ser. No. US 1990-619131, filed on 27 Nov 1990 which is a continuation-in-part of Ser. No. US 1989-444745, filed on 1 Dec 1989, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Crouch, Deborah | | |
| LEGAL REPRESENTATIVE: | Townsend & Townsend & Crew | | |
| NUMBER OF CLAIMS: | 22 | | |
| EXEMPLARY CLAIM: | 16 | | |
| NUMBER OF DRAWINGS: | 27 Drawing Figure(s); 41 Drawing Page(s) | | |
| LINE COUNT: | 4475 | | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |

L5 ANSWER 14 OF 47 USPATFULL
 ACCESSION NUMBER: 1999:163833 USPATFULL
 TITLE: Human tissue factor related DNA segments polypeptides and antibodies
 INVENTOR(S): Edgington, Thomas S., La Jolla, CA, United States
 Morrissey, James H., Oklahoma City, OK, United States
 PATENT ASSIGNEE(S): The Scripps Research Institute, La Jolla, CA, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 6001978 | | 19991214 |
| APPLICATION INFO.: | US 1997-844806 | | 19970422 (8) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 1992-880079, filed on 29 Apr 1992, now patented, Pat. No. US 5622931 which is a division of Ser. No. US 1988-165939, filed on 9 Mar 1988, now patented, Pat. No. US 5223427 which is a continuation-in-part of Ser. No. US 1987-67103, filed on 25 Jun 1987, now patented, Pat. No. US 5110730 which is a continuation-in-part of Ser. No. US 1987-33047, filed on 31 Mar 1987, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Budens, Robert D. | | |
| LEGAL REPRESENTATIVE: | Fitting, Thomas, Holmes, Emily | | |
| NUMBER OF CLAIMS: | 40 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 21 Drawing Figure(s); 15 Drawing Page(s) | | |
| LINE COUNT: | 3241 | | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |

L5 ANSWER 15 OF 47 USPATFULL

ACCESSION NUMBER: 1999:159997 USPATFULL
 TITLE: Compounds that bind bacterial pili
 INVENTOR(S): Shekhani, Mohammed Saleh, Madison, WI, United States
 Firca, Joseph R., Vernon Hills, IL, United States
 Anderson, Byron, Morton Grove, IL, United States
 PATENT ASSIGNEE(S): Ophidian Pharmaceuticals, Inc., Madison, WI, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5998381 | | 19991207 |
| APPLICATION INFO.: | US 1996-760903 | | 19961206 (8) |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Peselev, Elli | | |
| LEGAL REPRESENTATIVE: | Medlen & Carroll, LLP | | |
| NUMBER OF CLAIMS: | 24 | | |
| EXEMPLARY CLAIM: | 5 | | |
| NUMBER OF DRAWINGS: | 23 Drawing Figure(s); 25 Drawing Page(s) | | |
| LINE COUNT: | 6570 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 16 OF 47 USPATFULL
 ACCESSION NUMBER: 1999:136941 USPATFULL
 TITLE: Regulation of exoprotein in staphylococcus aureus
 INVENTOR(S): Cheung, Ambrose, New York, NY, United States
 Fischetti, Vincent A., West Hempstead, NY, United States
 PATENT ASSIGNEE(S): Siga Pharmaceuticals, Inc., New York, NY, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|----------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5976792 | | 19991102 |
| APPLICATION INFO.: | US 1996-676782 | | 19960708 (8) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1994-248505, filed on 24 May 1994, now patented, Pat. No. US 5587288 | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Zitomer, Stephanie | | |
| LEGAL REPRESENTATIVE: | Burns, Doane, Swecker & Mathis, L.L.P. | | |
| NUMBER OF CLAIMS: | 30 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 17 Drawing Figure(s); 10 Drawing Page(s) | | |
| LINE COUNT: | 1680 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 17 OF 47 USPATFULL
 ACCESSION NUMBER: 1999:84975 USPATFULL
 TITLE: Compositions for neutralization of lipopolysaccharides
 INVENTOR(S): Wright, Samuel D., Westfield, NJ, United States
 Wurfel, Mark M., New York, NY, United States
 Hailman, Peter Eric, New York, NY, United States
 PATENT ASSIGNEE(S): The Rockefeller University, New York, NY, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------------------|
| PATENT INFORMATION: | US 5928624 | | 19990727 |
| | WO 9534289 | | 19951221 |
| APPLICATION INFO.: | US 1996-750697 | | 19961216 (8) |
| | WO 1995-US7903 | | 19950607 |
| | | | 19961216 PCT 371 date |
| | | | 19961216 PCT 102(e) date |

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1994-337611, filed on 10 Nov 1994 which is a continuation-in-part of Ser. No. US 1994-259957, filed on 14 Jun 1994, now abandoned

DOCUMENT TYPE: Utility
 FILE SEGMENT: Granted
 PRIMARY EXAMINER: Kishore, Gollamudi S.
 LEGAL REPRESENTATIVE: Klauber & Jackson
 NUMBER OF CLAIMS: 12
 EXEMPLARY CLAIM: 1
 NUMBER OF DRAWINGS: 33 Drawing Figure(s); 32 Drawing Page(s)
 LINE COUNT: 2562
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 18 OF 47 USPATFULL
 ACCESSION NUMBER: 1999:75497 USPATFULL
 TITLE: Streptococcus suis adhesin protein and method for producing it
 INVENTOR(S): Tikkanen, Kaarina, Maaherrankatu 35 as 9 FIN-70100, Kuopio, Finland
 Finne, Jukka, Katajanokanranta 3 A 5 FIN-00160, Helsinki, Finland

| | NUMBER | KIND | DATE |
|-----------------------|--------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5919640 | | 19990706 |
| APPLICATION INFO.: | US 1997-889013 | | 19970707 (8) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 500895 | | |

| | NUMBER | DATE |
|--------------------------------------------|----------------------------------------|----------|
| PRIORITY INFORMATION: | FI 1993-413 | 19930129 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Housel, James C. | |
| ASSISTANT EXAMINER: | Portner, Ginny Allen | |
| LEGAL REPRESENTATIVE: | Nixon & Vanderhye | |
| NUMBER OF CLAIMS: | 5 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 2 Drawing Figure(s); 1 Drawing Page(s) | |
| LINE COUNT: | 1038 | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | |

L5 ANSWER 19 OF 47 USPATFULL
 ACCESSION NUMBER: 1999:30937 USPATFULL
 TITLE: Factor VIIa inhibitors from Kunitz domain proteins
 INVENTOR(S): Dennis, Mark S., San Carlos, CA, United States
 Lazarus, Robert A., Milbrae, CA, United States
 PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|-------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5880256 | | 19990309 |
| APPLICATION INFO.: | US 1995-399115 | | 19950303 (8) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1994-206310, filed on 4 Mar 1994, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Jacobson, Dian C. | | |
| LEGAL REPRESENTATIVE: | Kubinec, Jeffrey S. | | |
| NUMBER OF CLAIMS: | 67 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 8 Drawing Figure(s); 7 Drawing Page(s) | | |
| LINE COUNT: | 2832 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 20 OF 47 USPATFULL

ACCESSION NUMBER: 1999:24463 USPATFULL
TITLE: Mutant protein and methods and materials for making and using it
INVENTOR(S): Potempa, Lawrence A., Deerfield, IL, United States
Liao, Hans H., Oakville, Canada
Crump, Becky L., Evanston, IL, United States
PATENT ASSIGNEE(S): Immtech International Inc., Evanston, IL, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5874238 | | 19990223 |
| APPLICATION INFO.: | US 1995-480270 | | 19950607 (8) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 1994-296545, filed on 26 Aug 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-23952, filed on 26 Feb 1993, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Patterson, Jr., Charles L. | | |
| LEGAL REPRESENTATIVE: | Brinks Hofer Gilson & Lione | | |
| NUMBER OF CLAIMS: | 18 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 33 Drawing Figure(s); 24 Drawing Page(s) | | |
| LINE COUNT: | 2937 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 21 OF 47 USPATFULL

ACCESSION NUMBER: 1999:12902 USPATFULL
TITLE: Factor VIIa inhibitors from kunitz domain proteins
INVENTOR(S): Dennis, Mark S., San Carlos, CA, United States
Lazarus, Robert A., Millbrae, CA, United States
PATENT ASSIGNEE(S): Genentech, Inc., San Francisco, CA, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|----------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5863893 | | 19990126 |
| APPLICATION INFO.: | US 1995-398628 | | 19950303 (8) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1994-206310, filed on 4 Mar 1994 | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Jacobson, Dian C. | | |
| LEGAL REPRESENTATIVE: | Kubinec, Jeffrey S. | | |
| NUMBER OF CLAIMS: | 11 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 8 Drawing Figure(s); 7 Drawing Page(s) | | |
| LINE COUNT: | 2603 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 22 OF 47 USPATFULL

ACCESSION NUMBER: 1999:4392 USPATFULL
TITLE: Monoclonal antibody against LPS core
INVENTOR(S): Gram, Hermann, Weil-Haltingen, Germany, Federal Republic of
Di Padova, Franco, Birsfelden, Switzerland
Barclay, George Robin, Midlothian, United Kingdom
Poxton, Ian Raymond, Midlothian, United Kingdom
PATENT ASSIGNEE(S): Common Services Agency, United States (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5858728 | | 19990112 |
| APPLICATION INFO.: | US 1996-647144 | | 19960509 (8) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 1993-119046, filed on 30 Sep 1993, now abandoned | | |

| | NUMBER | DATE |
|--------------------------------------------|-------------------------------------------------------------------|----------|
| PRIORITY INFORMATION: | GB 1991-5292 | 19910313 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Loring, Susan A. | |
| LEGAL REPRESENTATIVE: | Bell Seltzer Intellectual Property Law Group of Alston & Bird LLP | |
| NUMBER OF CLAIMS: | 26 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 12 Drawing Figure(s); 10 Drawing Page(s) | |
| LINE COUNT: | 2426 | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | |

L5 ANSWER 23 OF 47 USPATFULL

ACCESSION NUMBER: 1998:154080 USPATFULL

TITLE: DNA encoding tumor necrosis factor stimulated gene 6 (TSG-6)

INVENTOR(S): Lee, Tae Ho, Daejeon, Korea, Republic of
Wisniewski, Hans-Georg, New York, NY, United States
Vilcek, Jan, New York, NY, United States

PATENT ASSIGNEE(S): New York University, New York, NY, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5846763 | | 19981208 |
| APPLICATION INFO.: | US 1994-242097 | | 19940513 (8) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1993-24868, filed on 1 Mar 1993, now patented, Pat. No. US 5386013 which is a continuation of Ser. No. US 1991-642312, filed on 14 Jan 1991, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Draper, Garnette D. | | |
| ASSISTANT EXAMINER: | Kemmerer, Elizabeth C. | | |
| LEGAL REPRESENTATIVE: | Browdy and Neimark | | |
| NUMBER OF CLAIMS: | 14 | | |
| EXEMPLARY CLAIM: | 2 | | |
| NUMBER OF DRAWINGS: | 48 Drawing Figure(s); 28 Drawing Page(s) | | |
| LINE COUNT: | 3807 | | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |

L5 ANSWER 24 OF 47 USPATFULL

ACCESSION NUMBER: 1998:150899 USPATFULL

TITLE: Pharmaceutical administration of ecotin homologs

INVENTOR(S): Lazarus, Robert A., Millbrae, CA, United States
Dennis, Mark S., San Carlos, CA, United States
Ulmer, Jana Seymour, San Rafael, CA, United States

PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 5843895 | | 19981201 |
| APPLICATION INFO.: | US 1995-439005 | | 19950511 (8) |

RELATED APPLN. INFO.: Division of Ser. No. US 1994-319501, filed on 4 Oct 1994 which is a continuation of Ser. No. US 1993-121004, filed on 14 Sep 1993, now abandoned

DOCUMENT TYPE: Utility

FILE SEGMENT: Granted

PRIMARY EXAMINER: Wax, Robert A.

ASSISTANT EXAMINER: Lau, Kawai

LEGAL REPRESENTATIVE: Kubinec, Jeffrey S.

NUMBER OF CLAIMS: 6

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 9 Drawing Figure(s); 5 Drawing Page(s)

LINE COUNT: 2162

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 25 OF 47 USPATFULL

ACCESSION NUMBER: 1998:144206 USPATFULL

TITLE: Polypeptides of lipopolysaccharide binding protein

INVENTOR(S): Han, Jiahuai, La Jolla, CA, United States
Ulevitch, Richard J., Del Mar, CA, United States
Tobias, Peter S., San Diego, CA, United States

PATENT ASSIGNEE(S): The Scripps Research Institute, La Jolla, CA, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5837810 | | 19981117 |
| APPLICATION INFO.: | US 1994-215089 | | 19940315 (8) |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Hutzell, Paula K. | | |
| ASSISTANT EXAMINER: | Johnson, Nancy A. | | |
| LEGAL REPRESENTATIVE: | Fish & Richardson, P.C. | | |
| NUMBER OF CLAIMS: | 1 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 11 Drawing Figure(s); 10 Drawing Page(s) | | |
| LINE COUNT: | 1162 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 26 OF 47 USPATFULL

ACCESSION NUMBER: 1998:138687 USPATFULL

TITLE: Factor VIIa inhibitors from Kunitz domain proteins

INVENTOR(S): Dennis, Mark S., San Carlos, CA, United States
Lazarus, Robert A., Millbrae, CA, United States

PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|----------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5834244 | | 19981110 |
| APPLICATION INFO.: | US 1995-398010 | | 19950303 (8) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1994-206310, filed on 4 Mar 1994 | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Jacobson, Dian C. | | |
| LEGAL REPRESENTATIVE: | Kubinec, Jeffrey S. | | |
| NUMBER OF CLAIMS: | 17 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 7 Drawing Figure(s); 7 Drawing Page(s) | | |
| LINE COUNT: | 2676 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 27 OF 47 USPATFULL

ACCESSION NUMBER: 1998:98974 USPATFULL

TITLE: Factor VIIa inhibitors from Kunitz domain proteins
INVENTOR(S): Lazarus, Robert A., Milbrae, CA, United States
Dennis, Mark S., San Carlos, CA, United States
PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States
(U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|----------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5795954 | | 19980818 |
| APPLICATION INFO.: | US 1994-206310 | | 19940304 (8) |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Jacobson, Dian C. | | |
| LEGAL REPRESENTATIVE: | Kubinec, Jeffrey S. | | |
| NUMBER OF CLAIMS: | 16 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 8 Drawing Figure(s); 8 Drawing Page(s) | | |
| LINE COUNT: | 2051 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 28 OF 47 USPATFULL
ACCESSION NUMBER: 1998:88813 USPATFULL
TITLE: Use of kunitz type plasma kallikrein inhibitors
INVENTOR(S): Dennis, Mark S., San Carlos, CA, United States
Lazarus, Robert A., Millbrae, CA, United States
PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States
(U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|----------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5786328 | | 19980728 |
| APPLICATION INFO.: | US 1995-463432 | | 19950605 (8) |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Wax, Robert A. | | |
| ASSISTANT EXAMINER: | Lau, Kawai | | |
| LEGAL REPRESENTATIVE: | Kubinec, Jeffrey S. | | |
| NUMBER OF CLAIMS: | 4 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 7 Drawing Figure(s); 5 Drawing Page(s) | | |
| LINE COUNT: | 2457 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 29 OF 47 USPATFULL
ACCESSION NUMBER: 1998:82566 USPATFULL
TITLE: Kunitz type plasma kallikrein inhibitors
INVENTOR(S): Dennis, Mark S., San Carlos, CA, United States
Lazarus, Robert A., Millbrae, CA, United States
PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States
(U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|----------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5780265 | | 19980714 |
| APPLICATION INFO.: | US 1995-463155 | | 19950605 (8) |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Wax, Robert A. | | |
| ASSISTANT EXAMINER: | Lau, Kawai | | |
| LEGAL REPRESENTATIVE: | Kubinec, Jeffrey S. | | |
| NUMBER OF CLAIMS: | 11 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 7 Drawing Figure(s); 5 Drawing Page(s) | | |
| LINE COUNT: | 2458 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 30 OF 47 USPATFULL

ACCESSION NUMBER: 1998:79327 USPATFULL

TITLE: Oligonucleotides comprising a region of a cytokine suppressive anti-inflammatory drug binding protein

INVENTOR(S): Lee, John C., Berwyn, PA, United States
Adams, Jerry L., Wayne, PA, United States
Gallagher, Timothy F., Harleysville, PA, United States
Green, David W., Bryn Mawr, PA, United States
Heys, John Richard, Malvern, PA, United States
McDonnell, Peter C., Elkins Park, PA, United States
McNulty, Dean E., Philadelphia, PA, United States
Young, Peter R., Lawrenceville, NJ, United States
Strickler, James E., Milton, MA, United States

PATENT ASSIGNEE(S): SmithKline Beecham Corporation, Philadelphia, PA, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5777097 | | 19980707 |
| APPLICATION INFO.: | US 1995-469421 | | 19950606 (8) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1994-250975, filed on 31 May 1994 which is a continuation-in-part of Ser. No. US 1993-123175, filed on 17 Sep 1993, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Kemmerer, Elizabeth C. | | |
| LEGAL REPRESENTATIVE: | King, William T., Lentz, Edward T. | | |
| NUMBER OF CLAIMS: | 1 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 30 Drawing Figure(s); 26 Drawing Page(s) | | |
| LINE COUNT: | 2062 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 31 OF 47 USPATFULL

ACCESSION NUMBER: 1998:72434 USPATFULL

TITLE: DNA encoding macrophage inflammatory protein-1.gamma.

INVENTOR(S): Beutler, Bruce A., Dallas, TX, United States
Poltorak, Alexander N., Dallas, TX, United States

PATENT ASSIGNEE(S): Board of Regents, The University of Texas System, Austin, TX, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5770402 | | 19980623 |
| APPLICATION INFO.: | US 1995-418032 | | 19950405 (8) |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Ulm, John | | |
| ASSISTANT EXAMINER: | Mertz, Prema | | |
| LEGAL REPRESENTATIVE: | Arnold, White & Durkee | | |
| NUMBER OF CLAIMS: | 30 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 15 Drawing Figure(s); 13 Drawing Page(s) | | |
| LINE COUNT: | 2834 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 32 OF 47 USPATFULL

ACCESSION NUMBER: 1998:68524 USPATFULL

TITLE: Anti-inflammatory CD14 peptides

INVENTOR(S): Lichenstein, Henri S., Ventura, CA, United States
Wright, Samuel D., Larchmont, NY, United States
Narhi, Linda O., Camarillo, CA, United States

PATENT ASSIGNEE(S): Juan, Shao-Chieh, Moorpark, CA, United States
Amgen Inc., Thousand Oaks, CA, United States (U.S.
corporation)

| | NUMBER | KIND | DATE |
|-----------------------|----------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5766593 | | 19980616 |
| APPLICATION INFO.: | US 1994-366953 | | 19941230 (8) |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Cunningham, Thomas M. | | |
| LEGAL REPRESENTATIVE: | Curry, Daniel R., Cook, Robert R., Odre, Steven M. | | |
| NUMBER OF CLAIMS: | 17 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 19 Drawing Figure(s); 17 Drawing Page(s) | | |
| LINE COUNT: | 1857 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 33 OF 47 USPATFULL
ACCESSION NUMBER: 1998:42521 USPATFULL
TITLE: Transgenic bovine
INVENTOR(S): Deboer, Herman A., Roelofarendsveen, Netherlands
Strijker, Rein, Oegstgeest, Netherlands
Heyneker, Herbert L., Hillsborough, CA, United States
Platenburg, Gerard, Voorschoten, Netherlands
Lee, Sang He, Leiden, Netherlands
Pieper, Frank, Utrecht, Netherlands
Krimpenfort, Paul J. A., Heemstede, Netherlands
PATENT ASSIGNEE(S): Pharming B.V., Leiden, Netherlands (non-U.S.
corporation)

| | NUMBER | KIND | DATE |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5741957 | | 19980421 |
| APPLICATION INFO.: | US 1995-461333 | | 19950605 (8) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 1993-154019, filed on 16 Nov 1993, now patented, Pat. No. US 5633076, issued on 22 May 1997 which is a continuation-in-part of Ser. No. US 1993-77788, filed on 15 Jun 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-898956, filed on 15 Jun 1992, now abandoned which is a continuation-in-part of Ser. No. US 1990-619131, filed on 27 Nov 1990, now abandoned which is a continuation-in-part of Ser. No. US 1989-444745, filed on 1 Dec 1989, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Crouch, Deborah | | |
| LEGAL REPRESENTATIVE: | Townsend & Townsend & Crew | | |
| NUMBER OF CLAIMS: | 36 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 50 Drawing Figure(s); 41 Drawing Page(s) | | |
| LINE COUNT: | 4058 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 34 OF 47 USPATFULL
ACCESSION NUMBER: 1998:25220 USPATFULL
TITLE: Malaria treatments
INVENTOR(S): Playfair, John Hugh Lyon, London, United Kingdom
Taverne, Janice, London, United Kingdom
Bate, Clive Alan Winston, Oxford, United Kingdom
PATENT ASSIGNEE(S): British Technology Group Limited, London, United Kingdom (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------------------|
| PATENT INFORMATION: | US 5726166 | | 19980310 |
| | WO 9315761 | | 19930819 |
| APPLICATION INFO.: | US 1994-290706 | | 19941205 (8) |
| | WO 1993-GB84 | | 19930115 |
| | | | 19941205 PCT 371 date |
| | | | 19941205 PCT 102(e) date |

| | NUMBER | DATE |
|-----------------------|------------------------------------------|----------|
| PRIORITY INFORMATION: | GB 1992-3039 | 19920213 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Travers, Russell | |
| LEGAL REPRESENTATIVE: | Nixon & Vanderhye P.C. | |
| NUMBER OF CLAIMS: | 6 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 19 Drawing Figure(s); 12 Drawing Page(s) | |
| LINE COUNT: | 1848 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 35 OF 47 USPATFULL

ACCESSION NUMBER: 1998:17207 USPATFULL

TITLE: DNA encoding ecotin homologs

INVENTOR(S): Lazarus, Robert A., Millbrae, CA, United States
Dennis, Mark S., San Carlos, CA, United States
Ulmer, Jana Seymour, San Rafael, CA, United States

PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States
(U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5719041 | | 19980217 |
| APPLICATION INFO.: | US 1995-439534 | | 19950511 (8) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 1994-319501, filed on 4 Oct 1994 which is a continuation of Ser. No. US 1993-121004, filed on 14 Sep 1993, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Wax, Robert A. | | |
| ASSISTANT EXAMINER: | Lau, Kawai | | |
| LEGAL REPRESENTATIVE: | Kubinec, Jeffrey S. | | |
| NUMBER OF CLAIMS: | 9 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 9 Drawing Figure(s); 5 Drawing Page(s) | | |
| LINE COUNT: | 2188 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 36 OF 47 USPATFULL

ACCESSION NUMBER: 1998:14645 USPATFULL

TITLE: Streptococcus suis adhesin protein and method for producing it

INVENTOR(S): Tikkanen, Kaarina, Maaherrankatu 35 as 9, FIN-70100 Kuopio, Finland
Finne, Jukka, Katajanokanranta 3 A 5, FIN-00160 Helsinki, Finland

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 5716792 | | 19980210 |
| | WO 9417103 | | 19940804 |
| APPLICATION INFO.: | US 1995-500895 | | 19950829 (8) |
| | WO 1994-FI39 | | 19940128 |

19950829 PCT 371 date
19950829 PCT 102(e) date

| | NUMBER | DATE |
|-----------------------|----------------------|----------|
| PRIORITY INFORMATION: | FI 1993-413 | 19930129 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Housel, James C. | |
| ASSISTANT EXAMINER: | Portner, Ginny Allen | |
| LEGAL REPRESENTATIVE: | Nixon & Vanderhye | |
| NUMBER OF CLAIMS: | 11 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 619 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 37 OF 47 USPATFULL

ACCESSION NUMBER: 97:44842 USPATFULL
TITLE: Method of producing a transgenic bovine or transgenic bovine embryo
INVENTOR(S): DeBoer, Herman A., Roelofarendsveen, Netherlands
Strijker, Rein, Oegstgeest, Netherlands
Heyneker, Herbert L., Hillsborough, CA, United States
Platenburg, Gerard, Voorschoten, Netherlands
Lee, Sang H., Leiden, Netherlands
Pieper, Frank, Utrecht, Netherlands
Krimpenfort, Paul J. A., Heemstede, Netherlands(4)
PATENT ASSIGNEE(S): Pharming BV, Lieden, Netherlands (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5633076 | | 19970527 |
| APPLICATION INFO.: | US 1993-154019 | | 19931116 (8) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1993-77788, filed on 15 Jun 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-898956, filed on 15 Jun 1992, now abandoned which is a continuation-in-part of Ser. No. US 1990-619131, filed on 27 Nov 1990, now abandoned which is a continuation-in-part of Ser. No. US 1989-444745, filed on 1 Dec 1989, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Crouch, Deborah | | |
| LEGAL REPRESENTATIVE: | Townsend and Townsend and Crew LLP | | |
| NUMBER OF CLAIMS: | 29 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 50 Drawing Figure(s); 41 Drawing Page(s) | | |
| LINE COUNT: | 4009 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 38 OF 47 USPATFULL

ACCESSION NUMBER: 97:33726 USPATFULL
TITLE: Human tissue factor related DNA segments, polypeptides and antibodies
INVENTOR(S): Edgington, Thomas S., La Jolla, CA, United States
Morrissey, James H., Oklahoma City, OK, United States
PATENT ASSIGNEE(S): The Scripps Research Institute, La Jolla, CA, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 5622931 | | 19970422 |
| APPLICATION INFO.: | US 1992-880079 | | 19920429 (7) |

RELATED APPLN. INFO.: Division of Ser. No. US 1988-165939, filed on 9 Mar 1988, now patented, Pat. No. US 5223427 which is a continuation-in-part of Ser. No. US 1987-67103, filed on 25 Jun 1987, now patented, Pat. No. US 5110730 which is a continuation-in-part of Ser. No. US 1987-33047, filed on 31 Mar 1987, now abandoned

DOCUMENT TYPE: Utility
 FILE SEGMENT: Granted
 PRIMARY EXAMINER: Wax, Robert A.
 ASSISTANT EXAMINER: Carlson, K. Cochrane
 LEGAL REPRESENTATIVE: Fitting, Thomas
 NUMBER OF CLAIMS: 2
 EXEMPLARY CLAIM: 1
 NUMBER OF DRAWINGS: 22 Drawing Figure(s); 15 Drawing Page(s)
 LINE COUNT: 3119
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 39 OF 47 USPATFULL
 ACCESSION NUMBER: 96:85038 USPATFULL
 TITLE: Peptides representing epitopic sites for bacterial and viral meningitis causing agents and their CNS carrier and uses thereof

INVENTOR(S): Alstyne, Diane V., Vancouver, Canada
 Sharma, Lawrence R., Vancouver, Canada

PATENT ASSIGNEE(S): Insight Biotech, Inc., St. Michaels, Barbados (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|--------------------------------------------|-----------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5556757 | | 19960917 |
| APPLICATION INFO.: | US 1995-482847 | | 19950607 (8) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 1993-127499, filed on 28 Sep 1993 | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Parr, Margaret | | |
| ASSISTANT EXAMINER: | Loring, Susan A. | | |
| LEGAL REPRESENTATIVE: | Foley & Lardner | | |
| NUMBER OF CLAIMS: | 2 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 13 Drawing Figure(s); 9 Drawing Page(s) | | |
| LINE COUNT: | 2692 | | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |

L5 ANSWER 40 OF 47 USPATFULL
 ACCESSION NUMBER: 96:72966 USPATFULL
 TITLE: Conjugates for the prevention and treatment of **sepsis**

INVENTOR(S): Carroll, Sean B., Cottage Grove, WI, United States
 Firca, Joseph R., Vernon Hills, IL, United States
 Pugh, Charles, Madison, WI, United States
 Padhye, Nisha V., Madison, WI, United States

PATENT ASSIGNEE(S): Ophidian Pharmaceuticals, Inc., Madison, WI, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|--------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5545721 | | 19960813 |
| APPLICATION INFO.: | US 1993-169701 | | 19931217 (8) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1992-995388, filed on 21 Dec 1992, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Chan, Christina Y. | | |

ASSISTANT EXAMINER: Eisenschenk, Frank C.
LEGAL REPRESENTATIVE: Medlen & Carroll
NUMBER OF CLAIMS: 30
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 17 Drawing Figure(s); 16 Drawing Page(s)
LINE COUNT: 4769
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 41 OF 47 USPATFULL
ACCESSION NUMBER: 96:34042 USPATFULL
TITLE: Antibodies which bind meningitis related homologous
antigenic sequences
INVENTOR(S): Van Alstyne, Diane, Vancouver, Canada
Sharma, Lawrence R., Vancouver, Canada
PATENT ASSIGNEE(S): Insight Biotech Inc., St. Michael, Barbados (non-U.S.
corporation)

| | NUMBER | KIND | DATE |
|-----------------------|-----------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5510264 | | 19960423 |
| APPLICATION INFO.: | US 1993-127499 | | 19930928 (8) |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Parr, Margaret | | |
| ASSISTANT EXAMINER: | Loring, Susan A. | | |
| LEGAL REPRESENTATIVE: | Foley & Lardner | | |
| NUMBER OF CLAIMS: | 24 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 13 Drawing Figure(s); 9 Drawing Page(s) | | |
| LINE COUNT: | 2721 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 42 OF 47 USPATFULL
ACCESSION NUMBER: 95:69093 USPATFULL
TITLE: Method of inhibiting blood coagulation in
extracorporeal circulation by inhibiting human tissue
factor
INVENTOR(S): Edgington, Thomas S., La Jolla, CA, United States
Colman, Robert W., Moylan, PA, United States
Kappelmayer, Janos, Debrecen, Hungary
Edmunds, Jr., L. Henry, Bryn Mawr, PA, United States
Bernabei, Alvise, Philadelphia, PA, United States
PATENT ASSIGNEE(S): The Scripps Research Institute, La Jolla, CA, United
States (U.S. corporation)
Trustees of the University of Pennsylvania,
Phialdelphia, PA, United States (U.S. corporation)
Temple University - Of the Commonwealth Systems of
Higher Education, Phialdelphia, PA, United States (U.S.
corporation)

| | NUMBER | KIND | DATE |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5437864 | | 19950801 |
| APPLICATION INFO.: | US 1992-977281 | | 19921116 (7) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1988-165939, filed on 9 Mar 1988, now patented, Pat. No. US 5223427 which is a continuation-in-part of Ser. No. US 1987-67103, filed on 25 Jun 1987, now patented, Pat. No. US 5110730 which is a continuation-in-part of Ser. No. US 1987-33047, filed on 31 Mar 1987, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Nucker, Christine M. | | |
| ASSISTANT EXAMINER: | Cunningham, T. | | |

LEGAL REPRESENTATIVE: Spensley Horn Jubas & Lubitz
NUMBER OF CLAIMS: 9
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 31 Drawing Figure(s); 23 Drawing Page(s)
LINE COUNT: 3505
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 43 OF 47 USPATFULL

ACCESSION NUMBER: 95:54452 USPATFULL
TITLE: DNA encoding cytokine-induced protein, TSG-14
INVENTOR(S): Lee, Tae H., Cambridge, MA, United States
Lee, Gene W., New York, NY, United States
Vilcek, Jan, New York, NY, United States
PATENT ASSIGNEE(S): New York University, New York, NY, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5426181 | | 19950620 |
| APPLICATION INFO.: | US 1992-929580 | | 19920814 (7) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 1991-640492, filed on 14 Jan 1991, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Draper, Garnette D. | | |
| ASSISTANT EXAMINER: | Kemmerer, Elizabeth C. | | |
| LEGAL REPRESENTATIVE: | Browdy and Neimark | | |
| NUMBER OF CLAIMS: | 8 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 36 Drawing Figure(s); 19 Drawing Page(s) | | |
| LINE COUNT: | 3175 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 44 OF 47 USPATFULL

ACCESSION NUMBER: 95:9803 USPATFULL
TITLE: Tumor necrosis factor-induced protein TSG-6
INVENTOR(S): Lee, Tae H., Piscataway, NJ, United States
Wisniewski, Hans-Georg, Spring Valley, NY, United States
Vilcek, Jan, New York, NY, United States
PATENT ASSIGNEE(S): New York University, New York, NY, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5386013 | | 19950131 |
| APPLICATION INFO.: | US 1993-24868 | | 19930301 (8) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 1991-642312, filed on 14 Jan 1991, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Draper, Garnette D. | | |
| ASSISTANT EXAMINER: | Kemmerer, Elizabeth C. | | |
| LEGAL REPRESENTATIVE: | Browdy and Neimark | | |
| NUMBER OF CLAIMS: | 2 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 50 Drawing Figure(s); 20 Drawing Page(s) | | |
| LINE COUNT: | 2952 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 45 OF 47 USPATFULL

ACCESSION NUMBER: 93:52505 USPATFULL
TITLE: Hybridomas producing monoclonal antibodies reactive with human tissue-factor glycoprotein heavy chain

INVENTOR(S): Edgington, Thomas S., La Jolla, CA, United States
Morrissey, James H., San Diego, CA, United States
PATENT ASSIGNEE(S): The Scripps Research Institute, La Jolla, CA, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5223427 | | 19930629 |
| APPLICATION INFO.: | US 1988-165939 | | 19880309 (7) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1987-33047, filed on 31 Mar 1987 And Ser. No. US 1987-67103, filed on 25 Jun 1987 | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Nucker, Christine | | |
| ASSISTANT EXAMINER: | Cunningham, T. | | |
| LEGAL REPRESENTATIVE: | Bingham, Douglas A. | | |
| NUMBER OF CLAIMS: | 6 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 22 Drawing Figure(s); 19 Drawing Page(s) | | |
| LINE COUNT: | 3075 | | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |

L5 ANSWER 46 OF 47 USPATFULL

ACCESSION NUMBER: 92:89050 USPATFULL
TITLE: Method of stimulating the immune systems of animals and compositions useful therefor
INVENTOR(S): Takayama, Kuni K., Madison, WI, United States
Qureshi, Nilofer, Madison, WI, United States
PATENT ASSIGNEE(S): Wisconsin Alumni Research Foundation, Madison, WI, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5158939 | | 19921027 |
| APPLICATION INFO.: | US 1990-522446 | | 19900511 (7) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1989-383832, filed on 21 Jul 1989, now abandoned And a continuation-in-part of Ser. No. US 1990-467449, filed on 19 Jan 1990, now patented, Pat. No. US 5041427 | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Brown, Johnnie R. | | |
| ASSISTANT EXAMINER: | White, Everett | | |
| LEGAL REPRESENTATIVE: | Quarles & Brady | | |
| NUMBER OF CLAIMS: | 6 | | |
| EXEMPLARY CLAIM: | 1 | | |
| LINE COUNT: | 1426 | | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |

L5 ANSWER 47 OF 47 USPATFULL

ACCESSION NUMBER: 91:66780 USPATFULL
TITLE: Lipid A derivatives
INVENTOR(S): Takayama, Kuni K., Madison, WI, United States
Qureshi, Nilofer, Madison, WI, United States
PATENT ASSIGNEE(S): Wisconsin Alumni Research Foundation, Madison, WI, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|-----------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 5041427 | | 19910820 |
| APPLICATION INFO.: | US 1990-467449 | | 19900119 (7) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1989-383832, filed on 21 Jul 1989 | | |

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Griffin, Ronald W.
ASSISTANT EXAMINER: White, Everett
LEGAL REPRESENTATIVE: Quarles & Brady
NUMBER OF CLAIMS: 3
EXEMPLARY CLAIM: 1
LINE COUNT: 932
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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